

Curricular planning for Master-degree program
Department of Applied Chemistry, Chaoyang University of Technology
(applicable to day division students enrolled in 2024)

Academic Year	First Year						Second Year					
	First Semester			Second Semester			First Semester			Second Semester		
	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit
Required Courses	專題討論(一) Seminar (I)	1	1	專題討論(二) Seminar (II)	1	1	專題討論(三) Seminar (III)	1	1	專題討論(四) Seminar (IV)	1	1
	化學講座 Lecture in Chemistry	1	1	化學講座 Lecture in Chemistry	1	1	化學講座 Lecture in Chemistry	1	1	化學講座 Lecture in Chemistry	1	1
Subtotal		2	2		2	2		2	2		2	2
Elective Courses	應用化學專題(一) Special Topics on Applied Chemistry (I)	1	1	應用化學專題(二) Special Topics on Applied Chemistry (II)	1	1	應用化學專題(三) Special Topics on Applied Chemistry (III)	1	1	應用化學專題(四) Special Topics on Applied Chemistry (IV)	1	1
	有機反應特論 Special Topics in Organic Reactions	3	3	有機光譜特論 Special Topics in Spectroscopy of Organic Chemistry	3	3	界面化學特論 Special Topics in Surface Chemistry	3	3			
	分析化學特論 Special Topics in Analytical Chemistry	3	3	有機合成特論 Special Topics in Organic Synthesis	3	3						
	高分子化學特論 Special Topics in Polymer Chemistry	3	3	食品加工特論 Special Topics in Food Processing	3	3						
	複合材料特論 Special Topics in Composite Materials	3	3	分離技術特論 Advance Techniques for Separation	3	3						
	光電材料特論 Introduction of Electrical and Optical Properties of Material	3	3	儀器分析特論 Special Topics in Instrumental Analysis	3	3						
				藥物分析化學特論 Special Topics in Analytical Chemistry of Medicine	3	3						
				科技論文寫作 Writing of Science and Technology Reports	2	2						
Subtotal		16	16		24	24		4	4		1	1
University Requirements												
Required Courses				5 Courses 8 Credits								
Elective Courses				Minimum elective 16 Credits								
Recognition limit of credits provided by other departments				0 Credits								
Total Requirement				30 Credits 30 credits (incl. 6 credits on master-degree seeking theses)								

一、全校性規定：學生需修習並通過「學術研究倫理教育」相關課程後，始得申請學位考試。

二、本系之規定：

(一)經指導教授及系主任同意所修習本系碩士在職專班或外系碩士班之課程，得採計為本系碩士班之專業選修課程。

(二)「化學講座」為不擋修之學年課，須修滿4學期且均及格始可畢業。